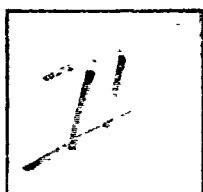
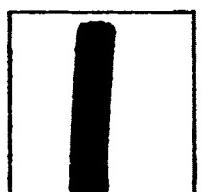


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Camp DESERT ROCK, Nevada.  
Operation Order No. 9      July 1957  
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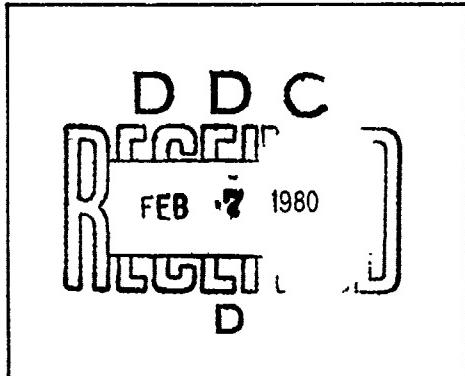
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~~DESERT ROCK 7 & 8, OPERATION ORDER 10~~

Army, Camp Desert Rock, Nevada

10 July 1957

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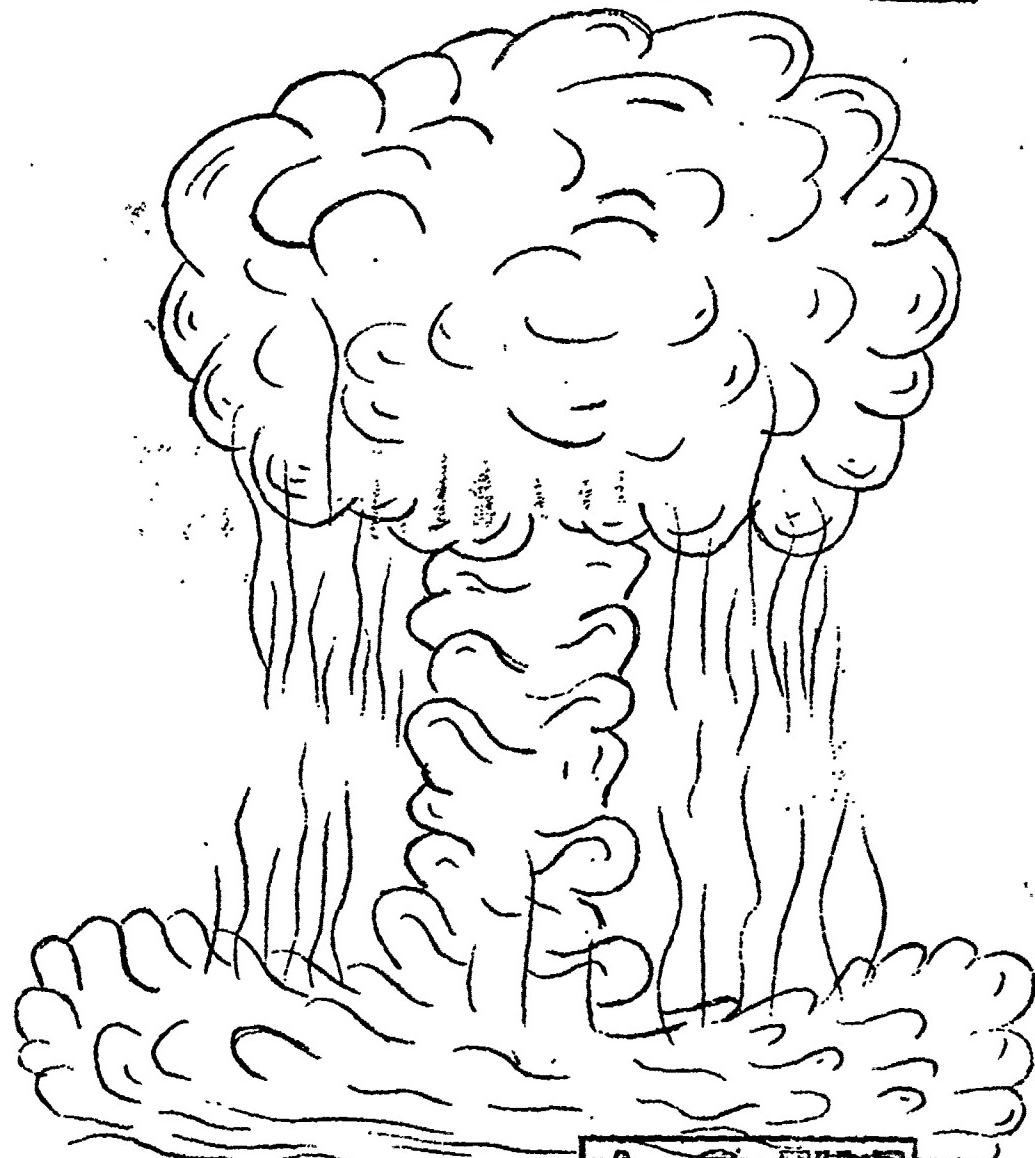
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# Desert Rock VII & VIII



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Copy        of Exercise 0 354.15 ACDR S-3  
Hq, Camp Desert ~~July 15~~ and VIII  
CAMP DESERT ROCK (872536), NEVADA  
101000 July 1957

Operation Order 10

Map: NEVADA, 1:50,000, TIPPIAH SPRING, CAL SPRINGS, SPECTOR RANGE, PAPOOSE LAKE, FRENCHMAN LAKE, and MERCURY Sheets.

Time Zone: Pacific Daylight Time

Task Organization: Annex A, Task Organization

1. SITUATION.--The Atomic Energy Commission detonates an atomic device (PASCAL-A) at H-hour on D-day. After the shot Ordnance and Signal field tests will be performed.

2. MISSION.--Hq, Exercise Desert Rock VII and VIII, supervises and coordinates Desert Rock Army participation in shot PASCAL-A in area U-3d in the NEVADA TEST SITE commencing at H-hour on D-day to:

a. Locate atomic burst horizontally, determine height of burst and yield, predict and monitor radioactive fallout pattern (Project 50.8).

3. EXECUTION.

a. Concept of operation.--Personnel from Project 50.8 will participate in shot PASCAL-A. Project 50.8 will operate radar, sound and IR detector equipment from approved sites.

b. 50th Chemical Plat.--Provide rad-safety support as required.

c. Co B, 84th Engr Bn (Reinf).--Provide Engineer support as required.

d. Unit, 8th Field Hosp.--Provide medical support as required from present location in CAMP DESERT ROCK.

e. 293d MP Co (-).--Provide traffic control as required.

f. 526th Ord Co (HAM) (-).--Provide Ordnance support as required.

g. 232d Signal Co.--Provide Signal support as required. Annex C, Signal.

h. 26th TC Bn.--Provide transportation support as required.

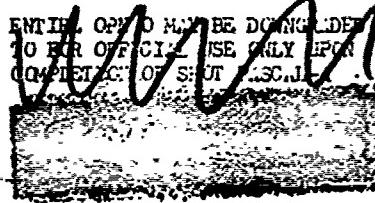
i. Project 50.8.--Operate sound, radar and IR detector equipment as per paragraph 2a above from approved sites in the vicinity of coordinates 768944 and 860915. Only equipment approved during power dry run will be operated. All other equipment will be completely secured.

j. Desert Rock Aviation Section.--Prov one L-20 aircraft on ground alert at the Desert Rock air strip for air evacuation of casualties to the Nellis Air Force Base Hospital

k. Coordinating instructions.

(1) Unit commanders will insure that all Desert Rock personnel have film badges. See Memo Nr 8, this headquarters.

(2) All personnel will be familiar with provisions of the Rad-Safe Program. See Memo Nr 10, this headquarters.



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(3) All personnel will be sent to pick up L-10 0-354-15 the ground zero area. Although innocent in appearance these items may be radioactive.

(4) Radio silence will be maintained and all gasoline engines turned off from shot time minus 15 minutes until shot time plus 5 minutes.

(5) Evacuation in case of emergency will be made direct to CAMP DESERT ROCK. Annex D, Emergency Evacuation Plan.

#### 4. ADMINISTRATION AND LOGISTICS.

a. Administration.—Current administrative instructions apply.

b. Logistics.

(1) Medical.—Dispensary at C-1 P DESERT ROCK will provide medical support in place.

(2) Chemical.—Decontamination station will be established at coordinates 848888. See Memo Nr 9, this headquarters.

#### 5. COMMAND AND SIGNAL.

a. Annex C, Signal.

b. CP, Exercise Desert Rock VII and VIII, will remain at CAMP DESERT ROCK.

JENSEN  
Brig Gen

Annexes: A—Task Organization  
B—Operation Overlay  
C—Signal

Appendixes: 1—Wire Count Down  
2—Hilltop Net  
3—Mercury Circuit  
D—Emergency Evacuation Plan  
E—Distribution List

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EXERCISE DESERT ROCK VII and VIII  
Desert Rock VII and VIII  
ROCK (6019-03), NEVADA S-3  
151000Z July 1957

Annex A (Task Organization) to Operation Order 10

Map: NEVADA, 1:50,000, TIPPIAH SPRING, CANE SPRINGS, SPECTOR RANGE, PAPOOSE LAKE, FRENCHMAN LAKE, and MERCURY Sheets.

HQ, EXERCISE DESERT ROCK VII and VIII

Deputy Exercise Director - - - - - Brig Gen W. A. Jensen  
Executive Officer - - - - - Col C. H. Dunning  
Control Group Commander - - - - - Maj D. I. Saunders  
US Army Garrison, CAMP DESERT ROCK (6019-03)

SUPPORT TROOPS

50th Chemical Platoon  
Co B, 84th Engr Bn (Reinf)  
Unit, 8th Field Hosp  
293d MP Co (-)  
526th Ord Co (HAM) (-1 Plat)  
656th QM Petrol Supply Co (-)  
Det, 53d QM Subsistence Supply Co  
Det, 163d QM Laundry Co  
232d Signal Co  
Signal Supply Team (KA)  
Signal Maintenance Teams (Gv and RD)  
Signal Pictorial Teams (AB, FC, FH, and PP)  
Signal Photo Dosimetry Team  
26th TC Bn  
Hq & Hq Co  
2d TC Truck Co (Pet)  
38th TC Co (Hv)  
351st TC Co (Med)  
TC Provisional Aircraft Maint Det

DESERT ROCK PROJECTS

Project 50.8, Troop Test of Atomic Burst Equipment

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Annex B (Operati

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Hq Exercise Desert Rock VII and VIII  
CAMP DESERT ROCK (872536), NEVADA  
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Proj 50.8  
Site F-16

78

96

AEC Check Point Nr 4

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*T. G. Towsley*  
TOWNSLEY  
S-3 Proj 50.8  
Site F-11

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~~radios~~ FNU S-3  
26 Jul 57

*Dear Sir*

Desert Rock VII and VIII  
Desert Rock (872536) NEVADA  
101CCC July 1957

Annex C (Signal) to Operation Order 10

Map: NEVADA, 1:50,000, TIPPIAH SPRING, CANE SPRING, SPECTER RANGE, PAPOOSE LAKE, FRENCHMAN LAKE, and MERCURY Sheets

1. PURPOSE.--To provide continuous communications before, during, and after the proposed detonation of shot PASCAL-A on D-day at H hour.

2. MISSION.--The 232d Signal Company and attached Signal teams will provide all Desert Rock communications services in coordination with DOD Signal personnel, CAMP MERCURY, NEVADA. Photo dosimetry services if needed, will be provided by the Photo Dosimetry Team from Lexington Signal Depot, LEXINGTON, KENTUCKY.

3. EXECUTION.

a. Radio communications. Appendix 2, Motorola-Type Net

(1) Radio silence from H-15 minutes to H+5 minutes.

(2) Radio call signs and frequencies: DOD net one Motorola-type handy talkies to be furnished by DOD will provide communications between CPL and Project 50.8 locations. Call sign Hilltop 61 and Hilltop 65, respectively. Purpose of this set is to monitor announcements. Net control station Hilltop. Appendix 2, Hilltop Net.

b. Wire Communications.

(1) One wire circuit from terminals at NEWS NOB to Project 50.8 locations (coordinates 768544 and 860915) to be terminated on field telephone (TA43). This line is to be used to inform the field commander that all personnel are "IN PLACE" prior to "COUNT DOWN" time. Appendix 1, Wire Count Down.

(2) Out wire circuit from CPL MERCURY (8471 or 8472) to Project 50.8 CP (Mercury 8374) Appendix 3, MERCURY Circuit.

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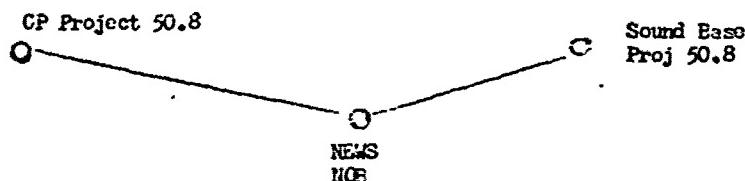
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Desert Rock VII & VIII  
DESERT ROCK (872536), NEVADA  
10100 July 1957

Appendix 1 (Wire Count Down) to Annex C (Signal) to Operations Order 10

Map: NEVADA, 1:50,000, TIPPIAH SPRING, CUE SPRINGS, SPECTOR RIDGE, PAPOOSE  
LAKE, FRENCHMAN LAKE, and MERCURY Sheets.



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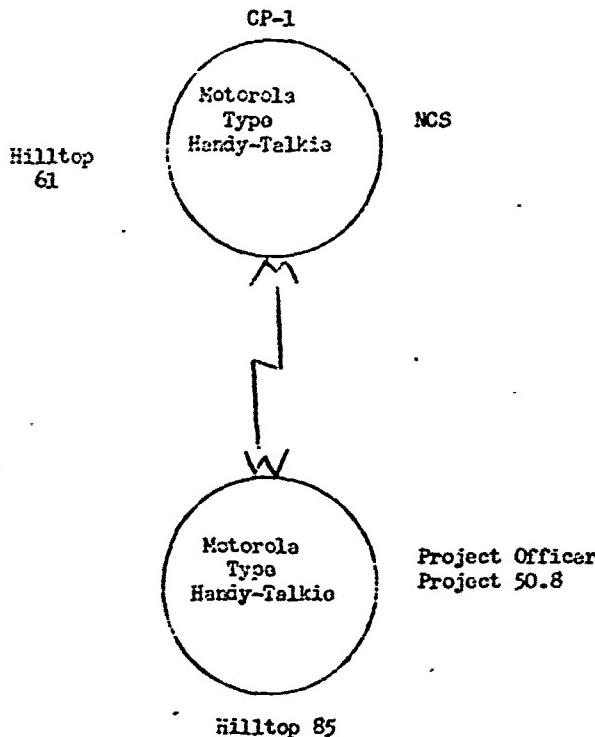
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ROCK (E72536), NEVADA  
1957

Appendix 2 (Hilltop Net) to Annex C (Signal) to Opn 0-10

Map: NEVADA, 1:50,000, TIPPIN SPRING, CINE SPRINGS, SPECTOR RANGE, PLACOSE LAKE, FRENCHMAN LKE, and MERCURY Sheets.



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Area Desert Rock VII & VIII  
DEPT ROCK (S72536), NEVADA  
TOMCAT July 1957

Appendix 3 (Mercury Circuit) to Annex C (Signal) to Opn 010

Map: NEVADA, 1:50,000, TIPPED SPRINGS, CREE SPRINGS, SPECTOR RANGE, PAPoose  
LAKE, FRENCHMAN LAKE, and MERCURY Sheets.

CP Project 50.8  
Mercury  
8374

CP-1  
Mercury 8471 or 8472

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Exercise Desert Rock VII and VIII  
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101000 July 1957

Annex D (Emergency Evacuation Plan) to Operation Order 10

Map: NEVADA, 1:50,000, TIPPLAHL SPRING, CALE SPRINGS, SPECTOR RANGE, PAPCOSE LAKE, PREWITT LAKES, and MERCURY Sheets.

1. PURPOSE.—To outline the procedure to be followed to accomplish the total evacuation of the NEV.DA TEST SITE in case of emergency.

2. EXECUTION.—Personnel will be prepared to execute a total evacuation of the forward area at any time on D-day.

a. Evacuation will be to the south in the following order:

- (1) Decontamination Station (coordinates 343368).
- (2) Check Gate Nr 2, Camp Mercury (coordinates 914605).
- (3) Camp Desert Rock motor pool (coordinates 372537).

b. Project Officers will be responsible for the orderly loading and movement of their vehicles during the evacuation and for maintaining the proper march discipline.

c. Vehicle commanders will be responsible for the orderly loading and movement of their groups on order of the project officer.

d. Coordinating instructions.

- (1) Maximum vehicle speed will be 55 MPH.
- (2) March units will remain intact during all movements.
- (3) MP vehicles and ambulances will have road priority during evacuation.
- (4) Necessary decontamination will be effected as soon as possible upon reaching the designated place of safety.
- (5) Code designation to implement this plan is CONDITION THUNDER.
- (6) CONDITION THUNDER will be transmitted by the most readily available means and will be authenticated by the Post Red-Safe Officer.
- (7) Windows in vehicles will be closed when practical.
- (8) Individuals will refrain from eating or smoking during the evacuation.

3. COMMAND.—CP, Exercise Desert Rock VII and VIII, will control the evacuation from such location as affords the best control.

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CAMP DESERT ROCK (872536) NEVADA  
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Annex E (Distribution List) to Operation Order 10

<u>UNITS</u>	<u>COPY NR</u>
CG, US COHARC, Attn: G3	1 - 4
CG, Sixth US Army, Attn: G3	5 - 6
CG, Sixth US Army, Attn: PIO	7
Comdr, Fld Comd, AFSWP, Mercury	8 - 13
CG, Camp Irwin, Attn: G3	14- <sup>15</sup> - 16
Executive Officer, Camp Desert Rock	17
S-1 Camp Desert Rock	18
S-2 Camp Desert Rock	19
S-3 Camp Desert Rock	20 - 24
S-4 Camp Desert Rock	25
Hq Comdt Camp Desert Rock	26
Sig Off Camp Desert Rock	27
PM Camp Desert Rock	28
Chemical Off Camp Desctr Rock	29
Engr Camp Desert Rock	30
PIO Camp Desert Rock	31
Chief, Instructor Group Section CDR	32
CO 26th TC Bn Camp Desert Rock	33
CO H sp Unit 8th Field Hosp CDR	34
CO 232d Sig Co Camm Desert Rock	35
CO 50th Chemical Platoon Camp Desert Rock	36
Post Aviation Officer Camp Desert Rock	37
Project Officer, Project 50.8	38
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